

WHAT IS CLAIMED IS:

1. A service searching system that searches for a service in a distributed system wherein a range of services are distributed in a network, comprising:

a wireless server device connected to the network and
5 implementing a master search service; and

a wireless terminal device implementing a slave search service, being capable of communicating with the server by wireless, and being capable of utilizing the master search service, wherein:

the wireless terminal device includes a storage means for
10 caching at least one service object obtained through the master search service;

in the case of searching for the service through the slave search service, the wireless terminal device begins by searching the at least one service object cached in the storage means; and

15 in the case of failing to detect the service in the slave search service, the wireless terminal device searches for the service through the master search service.

2. A service searching system that searches for a service in a distributed system wherein a range of services are distributed in a network, comprising:

a wireless server device connected to the network and
5 implementing a master search service; and

a wireless terminal device implementing a slave search service, being capable of communicating with the server by wireless, and being capable of utilizing the master search service, wherein:

the wireless terminal device includes a storage means for
10 caching at least one service object obtained through the master search service;

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in the case of searching for the service through the slave search service, the wireless terminal device begins by searching the at least one service object cached in the storage means;

15 in the case of failing to detect the service in the slave search service, the wireless terminal device searches for the service through the master search service;

20 priority data corresponding to each of at least one service object that is to be cached in the wireless terminal device is generated on the basis of at least one selected from necessity, importance and frequency in use of each of the at least one service object in the wireless terminal device;

the priority data is related to each of the at least one service object and cached together; and

25 the priority data is updated according to use of the at least one service object.

3. A service searching system that searches for a service in a distributed system wherein a range of services are distributed in a network, comprising:

5 a wireless server device connected to the network and implementing a master search service; and

a wireless terminal device implementing a slave search service, being capable of communicating with the server by wireless, and being capable of utilizing the master search service, wherein:

10 the wireless terminal device includes a storage means for caching at least one service object obtained through the master search service;

in the case of searching for the service through the slave search service, the wireless terminal device begins by searching the at least one service object cached in the storage means;

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priority data corresponding to each of at least one service object that is to be cached in the wireless terminal device is generated on the basis of at least one selected from necessity, importance and frequency in use of each of the at least one service object in the wireless terminal device;

25 the priority data is updated according to use of the at least one
service object; and

4. The service searching system as claimed in claim 1, wherein, when the wireless terminal device searches the wireless server device for the service through the master search service, communication between the wireless terminal device and the wireless server device is executed by being converted into a command and a parameter in which an amount of communication data is reduced.

5. The service searching system as claimed in claim 2, wherein, when the wireless terminal device searches the wireless server device for the service through the master search service, communication between the wireless terminal device and the wireless server device is executed by being converted into a command and a parameter in which an amount of communication data is reduced.

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